

Tuesday, April 18, 2017 12:24:41 PM

Page 1

NS1

Stop *NS2*

Customer:

NR1

NR2

Insp.
Stamp

MAY 03 2017

DAS
38
9-89

5

DAS 6 9-20



MAY 02 2017

DAS
38
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :			
Misidentified	☐	Past Due	☐				

Work Order ID 159748

Tuesday, April 18, 2017 12:24:41 PM

159748

Page 2

Item ID: D206-781-031 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Baggage Compartment Protector - Floor
Start Date: 4/24/2017 Start Qty: 5.00 ***5*** Cust Item ID:
Required Date: 4/27/2017 Req'd Qty: 5.00 ***5*** Customer:
Reference: SCHEDULED/C

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D206-781-031 Location:FG025								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.50							
Quality Control									

DAS
27
9-89DAS
6
9-89

MAR 03 2017

DAS
21
9-89

MAY 03 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

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Page 1

159748

D206-781-031

Required Qty: 5.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3878-1 *D3878-1* Baggage Protector-Floor	DAS 38 9-89	Manufactured	No			110	Each	0.0000	1	5	**	159738 MAY 02 2017	DA 6 9
D3031-3 *D3031-3* Loop	DAS 38 9-89	Manufactured	No			110	Each	14.0000	1	5	**	MAY 02 2017	DA 6 9
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				ST016			14						
				154614			14						
D3918-1 *D3918-1* Placard	DAS 38 9-89	Manufactured	No			110	Each	4.0000	1	5	**	159759x3 MAY 02 2017	DA 6 9
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				ST056			4						
				155192			4						
80-004-2-8 *80-004-2-8* INSERT	DAS 38 9-89	Purchased	No			110	Each	28.0000	2	10	**	1/19/2018 MAY 02 2017	DA 6 9
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				FG			20						
				m130564			20						
				ST585			8						
				m135895			8						

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By _____		
							Lead hand / Supervisor Approval Verification _____		
							QC / QA Coordinator Approval _____		

Root Cause				FAULT CATEGORY			
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong		
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions		
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance		
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect		
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing		
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved		
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing		
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish		
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread		
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence		
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : 					
Misidentified ☐	☐ Past Due						

Picklist Print

Page 2

Tuesday, April 18, 2017 12:24:41 PM

Work Order ID: 159748

159748

Parent Item: D206-781-031

D206-781-031

Parent Item Name: Baggage Compartment Protector - Floor

Start Date: 4/24/2017

Required Date: 4/27/2017

Start Qty: 5.00

Required Qty: 5.00

MS24694-S50

Purchased

No

110

Each

364.0000

14

70

MS24694-S50

Screw

**

MAY 02 2017

68-6

9

DAS

9-89

27

9-89

DAS

38

9-89

Location

Loc Qty

Loc Code

GA

18

m134370

18

ST284

346

m136579

346

13771218

62

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step # : _____		QTY Effective : _____			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : _____							

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D407-781-2 REV. A OR LATER APPROVED REVISION
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D407-781 REV. 3 OR LATER REVISION

REF. TCCA STC: SH08-60
REF. FAA STC: SR002726NY
REF. EASA.IM.R.S.01541

1.0 PURPOSE

In some aircraft, the top portion of the D206-781-041 Baggage Compartment Wall Protector Kit cannot be installed as indicated in IIN-D407-781-2. The purpose of this DSI is to provide an alternate mounting method to fasten the top portion of the D206-781-041 Baggage Compartment Wall Protector Kit.

2.0 INSTALLATION

It is acceptable to replace qty(2) D3930-1 Clips with qty(2) 80-004-2-6 Inserts. Locate and mark location of the two attachment holes on the baggage compartment wall as shown in Figure 1 of this service instruction. Install 80-004-2-6 Inserts at the marked locations in accordance with Section 3-2-12 of BHT-206-SRM-1. It is acceptable to trim the wall protectors to accommodate optional equipment or transfer attachment holes to the wall protector and install the optional equipment on top of the wall protector with longer fasteners.

3.0 PARTS LIST

Amend the D206-781-041 Baggage Compartment Wall Protector Kit parts list as follows:

5.1 / 25.48.1 (ref. IIN-D407-781-2 Rev. A / ICA-D407-781 Rev. 3 or earlier)

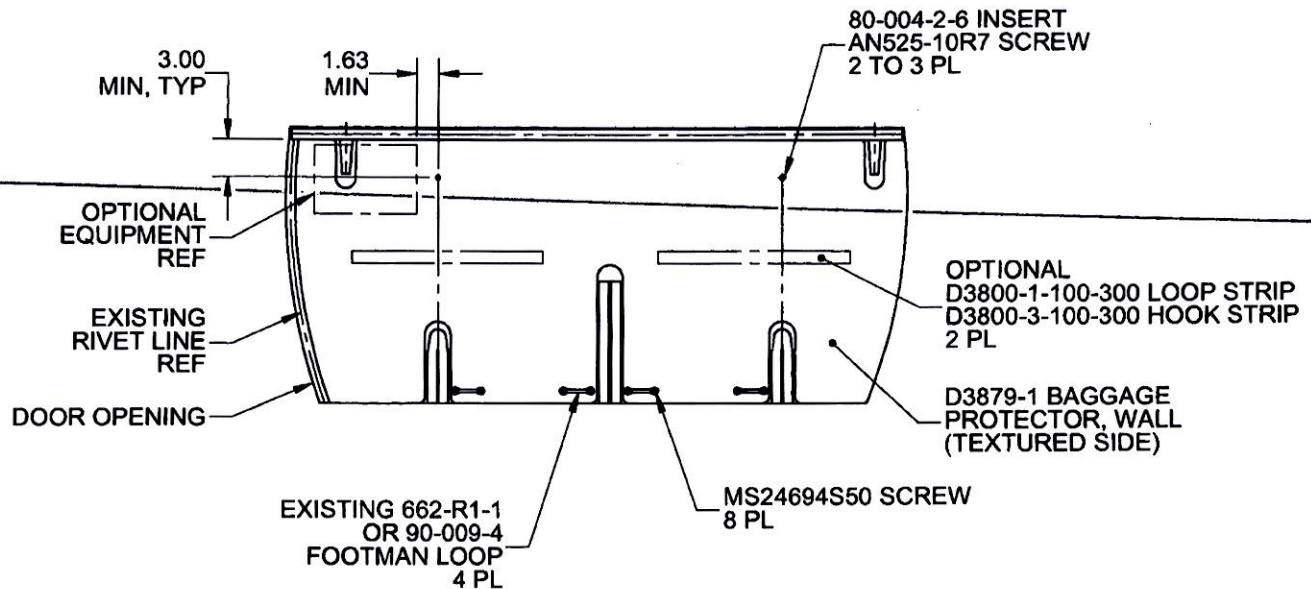
ADD:

Qty -061	Qty -031	Qty -041	Part Number	Description
X			D206-781-061	BAGGAGE COMPARTMENT PROTECTOR KIT (FLOOR AND WALL)
1	X		D206-781-031	BAGGAGE COMPARTMENT FLOOR PROTECTOR KIT
1		X	D206-781-041	BAGGAGE COMPARTMENT WALL PROTECTOR KIT
		2	AN525-10R7	SCREW
		2	80-004-2-6	INSERT

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 159348 MJS
170478

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED 	
BY:	D. SHEPHERD (DE # 02)
DATE:	13.04.12
CERT. NO.:	SH08-60
ISSUE NO.:	1

A	NEW ISSUE		13.04.08
REV.		DESCRIPTION	BY DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED			
MFG. APPR.	N/A		
APPROVED			
DE APPR.		TITLE	SCALE
DATE 13.04.08		DSI 9649	NTS
REV. A SHEET 1 OF 2			
ALTERNATE INSTALL			
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**FIGURE 1 - D3879-1 BAGGAGE COMPARTMENT WALL
PROTECTOR - ALTERNATE INSTALLATION**

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 13.04.12
CERT. NO.: SH08-60
ISSUE NO.: 1

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9649	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		ALTERNATE INSTALL	NTS
DATE	13.04.08	COPYRIGHT © 2013 BY DART AEROSPACE LTD	
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Work Order ID 159748***159748***

Page 1

Tuesday, April 18, 2017 12:24:41 PM

Item ID: D206-781-031

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Baggage Compartment Protector - Floor

Start Date: 4/24/2017 Start Qty: 5.00

5

Cust Item ID:

Required Date: 4/27/2017 Req'd Qty: 5.00

5

Customer:

Reference: SCHEDULED/C

Run

Start

NR1

Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop

NR2

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

DSI9649

REV A

100

Document Control

0.00

100

DC

Doc.Control -USB or Paperwork

Memo

Photocopy bluefile & type labels per PPP D206-781-031
CHG 001

0.00

110

Pick Kit

0.00

110

Packaging

Packaging

Memo

0.00

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Quality Control

Memo

0.15

5.0 PARTS LIST

5.1 BELL 206 A/B

Qty -061	Qty -031	Qty -041	Part Number	Description
X			D206-781-061	BAGGAGE COMPARTMENT PROTECTOR KIT (FLOOR AND WALL)
1	X		D206-781-031	BAGGAGE COMPARTMENT FLOOR PROTECTOR KIT
1		X	D206-781-041	BAGGAGE COMPARTMENT WALL PROTECTOR KIT
	1		D3878-1	BAGGAGE PROTECTOR, FLOOR
		1	D3879-1	BAGGAGE PROTECTOR, WALL
	1		D3031-3	LOOP
		2	D3800-1-100-300	LOOP STRIP
		2	D3800-3-100-300	HOOK STRIP
	1		D3918-1	PLACARD
		2	D3930-1	CLIP
		4	MS35207-262	SCREW
		6	AN960C10L	WASHER
		6	MS21042L3	NUT
	2		80-004-2-8	INSERT
	14	10	MS24694S50	SCREW

5.2 BELL 206 L/L1/L3/L4 AND 407

Qty -063	Qty -033	Qty -043	Part Number	Description
X			D206-781-063	BAGGAGE COMPARTMENT PROTECTOR KIT (FLOOR AND WALL)
1	X		D206-781-033	BAGGAGE COMPARTMENT FLOOR PROTECTOR KIT
1		X	D206-781-043	BAGGAGE COMPARTMENT WALL PROTECTOR KIT
	1		D3878-1	BAGGAGE PROTECTOR, FLOOR
		1	D3879-3	BAGGAGE PROTECTOR, WALL
		2	D3800-1-100-300	LOOP STRIP
		2	D3800-3-100-300	HOOK STRIP
	1		D3918-1	PLACARD
		2	D3930-1	CLIP
		2	D3931-1	ANGLE
		4	MS35207-262	SCREW
		8	AN960C10L	WASHER
		8	MS21042L3	NUT
	18	8	MS24694S50	SCREW

5.0 PARTS LIST

5.1 BELL 206 A/B

Qty -061	Qty -031	Qty -041	Part Number	Description
X			D206-781-061	BAGGAGE COMPARTMENT PROTECTOR KIT (FLOOR AND WALL)
1	X		D206-781-031	BAGGAGE COMPARTMENT FLOOR PROTECTOR KIT
1		X	D206-781-041	BAGGAGE COMPARTMENT WALL PROTECTOR KIT
	1		D3878-1	BAGGAGE PROTECTOR, FLOOR
		1	D3879-1	BAGGAGE PROTECTOR, WALL
	1		D3031-3	LOOP
		2	D3800-1-100-300	LOOP STRIP
		2	D3800-3-100-300	HOOK STRIP
	1		D3918-1	PLACARD
		2	D3930-1	CLIP
		4	MS35207-262	SCREW
		6	AN960C10L	WASHER
		6	MS21042L3	NUT
	2		80-004-2-8	INSERT
	14	10	MS24694S50	SCREW

5.2 BELL 206 L/L1/L3/L4 AND 407

Qty -063	Qty -033	Qty -043	Part Number	Description
X			D206-781-063	BAGGAGE COMPARTMENT PROTECTOR KIT (FLOOR AND WALL)
1	X		D206-781-033	BAGGAGE COMPARTMENT FLOOR PROTECTOR KIT
1		X	D206-781-043	BAGGAGE COMPARTMENT WALL PROTECTOR KIT
	1		D3878-1	BAGGAGE PROTECTOR, FLOOR
		1	D3879-3	BAGGAGE PROTECTOR, WALL
		2	D3800-1-100-300	LOOP STRIP
		2	D3800-3-100-300	HOOK STRIP
	1		D3918-1	PLACARD
		2	D3930-1	CLIP
		2	D3931-1	ANGLE
		4	MS35207-262	SCREW
		8	AN960C10L	WASHER
		8	MS21042L3	NUT
	18	8	MS24694S50	SCREW